

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	61	"455/575.4".cds. and (slid \$3 near3 (guide\$1 or gear \$1 or groove\$1)) same (base\$1plate\$1 or plate \$1)	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:00
L8	0	"455/575.4".cds. and (slid \$3 near3 (guide\$1 or gear \$1 or groove\$1)) same (base\$1plate\$1)	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:15
L9	8	"455/575.4".cds. and (slid \$3 near3 (guide\$1 or gear \$1 or groove\$1)) same (base\$1plate\$1 or "base plate")	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:16
L10	11	"455/575.4".cds. and (guide\$1 or gear\$1 or groove\$1) same (base \$1plate\$1 or "base plate")	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:17
L11	14	"455/575.4".cds. and (base \$1plate\$1 or "base plate")	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:18
L12	32387	(slid\$3 near3 (guide\$1 or gear\$1 or groove\$1)) same (base\$1plate\$1 or plate\$1)	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:20
L13	14600	(slid\$3 near3 (guide\$1 or gear\$1 or groove\$1)) near6 (base\$1plate\$1 or plate\$1)	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:20
L14	3718	(sliding near3 guide\$1) near6 (base\$1plate\$1 or plate\$1)	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:20
L15	187	sliding near4 (cover\$1 or shield\$1) and 14	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:21
L16	51668	sliding and (enclosure\$1 or box or container or cover).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:23
L17	115	((sliding near3 (cover\$1 or shield\$1)) and (enclosure \$1 or box or container)).ab.	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:24
L18	2	14 and 17	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:24
L19	6	12 and 17	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:25
L20	464	"455/575.4".cds.	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:27

L21	178	20 and (slid\$3 near3 (gear \$1 or groove\$1 or guide \$1))	US-PGPUB; USPAT	OR	OFF	2009/02/05 11:27
L22	1308	("spring steel" or "zinc-plated" or "silicon") same magnet\$3 same shield\$3	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:45
L23	1	("spring steel" and "zinc-plated" and "silicon") same magnet\$3 same shield\$3	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:45
L24	22	22 and "455"	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:45
L25	7	22 and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:45
L26	8	"electric zinc plated"	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:51
L27	3645	magnet\$3 same interference same shield\$3	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:52
L28	111	27 and "455"	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:52
L29	6	27 and "455" and "spring steel"	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:53
L30	0	27 and "455".clas. and "spring steel"	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:54
L31	51	27 and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:54
L32	443	magnet same interference same shield\$3	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:55
L33	1	magnet same interference same shield\$3 and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:55
L34	59	magnet\$3 same (interference\$1 or influence\$1) same shield \$3 and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 15:56
L35	59	(US-20090017882-\$ or US-20080146265-\$ or US-20080051163-\$ or US-20070142091-\$ or US-20070004456-\$ or US-20060142064-\$ or US-20060141946-\$ or US-20060141938-\$ or US-20060116168-\$ or US-20060116084-\$ or US-20050239493-\$ or US-20050191972-\$ or US-20050164638-\$ or US-20050032525-\$ or US-20040266486-\$ or US-20040183529-\$ or US-20040121811-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:03

		20040121732-\$ or US-20040077388-\$ or US-20030040345-\$ or US-20020160725-\$ or US-20010012767-\$).did. or (US-7474893-\$ or US-7457637-\$ or US-7403759-\$ or US-7385874-\$ or US-7380033-\$ or US-7299076-\$ or US-7248848-\$ or US-7076230-\$ or US-7020549-\$ or US-7002073-\$ or US-6947777-\$ or US-6940466-\$ or US-6940010-\$ or US-6819912-\$ or US-6785519-\$ or US-6704592-\$ or US-6539207-\$ or US-6483719-\$ or US-6463299-\$ or US-6424820-\$ or US-6295462-\$ or US-6026119-\$ or US-5999889-\$ or US-5845220-\$ or US-5844166-\$ or US-5826178-\$).did. or (US-5819162-\$ or US-5742238-\$ or US-5740527-\$ or US-5594579-\$ or US-5373304-\$ or US-5291193-\$ or US-4947179-\$ or US-4742569-\$ or US-4541031-\$ or US-3694754-\$ or US-3609570-\$).did.				
L36	21	shield\$3 near5 (metal\$5 or steel) and 35	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:04
L37	114	magnet\$3 same interference same shield same steel	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:07
L38	0	magnet\$3 same interference same shield same steel and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:10
L39	8	magnet\$3 same interference same shield same metal and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:10
L40	0	magnet\$3 same interference same shield\$3 same steel and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:10
L41	0	EMI same interference same shield\$3 same steel and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:10
L42	1	EMI same shield\$3 same steel and "455".clas.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:11

L43	29	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) same steel same (PCB or circuit)	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:12
L44	1	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.4.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:34
L45	7	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.1.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:35
L46	0	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.2.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:37
L47	2	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.3.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:37
L48	2	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.5.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:40
L49	0	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.6.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:41
L50	1	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.4.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:41
L51	2	magnet\$3 same shield\$3 same (interference\$1 or influence\$1) and 455/575.3.ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/05 16:41
S1	1	("20080051163").PN.	US-PGPUB; USPAT	OR	OFF	2009/01/29 19:09
S2	457	"455/575.4".ccls.	US-PGPUB; USPAT	OR	OFF	2009/02/02 10:43
S3	73	S2 and magnetic	US-PGPUB; USPAT	OR	OFF	2009/02/02 10:44
S4	77	S2 and (magnet\$2 and slid\$3)	US-PGPUB; USPAT	OR	OFF	2009/02/02 10:45
S5	45	S2 and (magnet\$2 same slid\$3)	US-PGPUB; USPAT	OR	OFF	2009/02/02 10:45
S6	2	("6961593") or ("20040067768").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 10:57
S7	0	S6 and magnet\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 10:58

S8	4	(US-20040067768-\$).did. or (US-6728558-\$ or US- 6980840-\$ or US-6961593-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:07
S9	2	S8 and (magnet\$3)	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:08
S10	3	("6208874") or ("5151946") or ("5497060").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:51
S11	0	S10 and magnet\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:52
S12	134275	(three near3 (position\$3))	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:54
S13	0	(three near3 (position\$3)) and S8	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:54
S14	0	(three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and S8	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:56
S15	5	(three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and S4	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:56
S16	24	(three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 11:58
S17	5	S16 and magnet\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:05
S18	3	("20030073414") or ("5661641") or ("20030171133").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:10
S19	1	S18 and magnet\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:11
S20	2	("20030211874") or ("20050143135").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:24
S21	1	S20 and magnet\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:24
S22	1	("20050054397").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:27
S23	1	("7162283").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:28
S24	2236	(three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) same (magnet\$3 near5 (driv\$3 or draw\$3 or repuls \$4 or force))	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:30

S25	73	(three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) same (magnet\$3 near5 (driv\$3 or draw\$3 or repuls\$4 or force)) same slid\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:31
S26	1	("6950316").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:33
S27	2	(cellular or cell or mobile or wireless or portable) near3 (terminal\$1 or electronic\$1 or device\$1 or phone\$1 or telephone \$1 or station) and S25	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:38
S28	193	(cellular or cell or mobile or wireless or portable) near3 (terminal\$1 or electronic\$1 or device\$1 or phone\$1 or telephone \$1 or station) and S24	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:38
S29	91	(housing or enclosure\$1) and S28	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:40
S30	15	S28 and (cellular or cell or mobile or wireless or portable) near3 (terminal \$1 or electronic\$1 or device\$1 or phone\$1 or telephone\$1 or station). ab.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:41
S31	23921	(three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and (magnet\$3 near5 (driv\$3 or draw\$3 or repuls\$4 or force))	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:44
S32	5	S31 and ((cellular or cell or mobile or wireless or portable) near3 (terminal \$1 or electronic\$1 or device\$1 or phone\$1 or telephone\$1 or station) and slid\$3). ab.	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:45
S34	592	(magnet\$3 near5 (driv\$3 or draw\$3 or repuls\$4 or force)) same slid\$3 same ((hold\$3 or keep\$3 or maintain\$3 or retain\$3) near5 (position\$1 or stage \$1 or phase\$1))	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:50
S35	272	(housing or enclosure\$1) and S34	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:51
S36	70	upper and cover and lower and S35	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:53

S37	35	((magnet\$3 near5 (driv\$3 or draw\$3 or repuls\$4 or force)) same slid\$3 same cover\$1 same ((hold\$3 or keep\$3 or maintain\$3 or retain\$3) near5 (position \$1 or stage\$1 or phase \$1))	US-PGPUB; USPAT	OR	OFF	2009/02/02 12:53
S38	672	((draw\$3 or attract\$3 or pull) near4 (end\$1 or top or bottom or side)) same ((repel or driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) near4 (central or center or centre))	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:01
S39	1	"455/575.4".ccds. and S38	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:02
S40	5	S38 and S34	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:02
S41	12	((repel or driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) near4 (central or center or centre)) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:04
S42	39	((magnet\$3 near5 (driv\$3 or draw\$3 or repuls\$4 or force)) and (repel or driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:06
S43	5	((magnet\$3 near5 (driv\$3 or draw\$3 or repuls\$4 or force)).ab. and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:37
S44	15	(magnet\$3).ab. and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:38
S45	1	magnet\$3 same ((driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) near4 (central or center or centre)) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:48
S46	1058445	magnet\$3 same ((driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) near4 (central or center or centre)) same cover some slid\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:49
S47	33	magnet\$3 same ((driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) near4 (central or center or centre)) same (cover\$1 or shield\$1) same slid\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:49

S48	59	(magnet\$3 same (driv\$3 or force or repel\$4 or repuls\$3 or expel\$4) same open same close same (cover\$1 or shield\$1) same slid\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 13:51
S49	4	(("20060079301") or ("6980840") or ("20040198437") or ("20030064688")).PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:02
S50	20	((three or "3") near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1) and S4	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:11
S51	6	(magnet\$3 near5 assist\$3) and S4	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:12
S52	16	((magnet\$3 same (assist\$3 or driving)) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:14
S53	1	("20050070348").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:16
S54	1	("20010009847").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:17
S55	1	("20040067768").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:17
S56	5	((("20030211674") or ("20040198477") or ("20050079902") or ("6282436") or ("6728558"))).PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:19
S57	1	("20080051163").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:30
S58	3526	((cellular or cell or mobile or wireless or portable) near3 (terminal\$1 or electronics\$1 or device\$1 or phone\$1 or telephone\$1 or station)) and (magnet\$3 same slid\$3)	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:40
S59	391	((cellular or cell or mobile or wireless or portable) near3 (terminal\$1 or electronics\$1 or device\$1 or phone\$1 or telephone\$1 or station)) same magnet\$3 same slid\$3	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:40
S60	27	((three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and S59	US-PGPUB; USPAT	OR	OFF	2009/02/02 14:41

S61	193	((cellular or cell or mobile or wireless or portable) near3 (terminal\$1 or electronic\$1 or device\$1 or phone\$1 or telephone \$1 or station)) same magnet\$3 same slid\$3	EPO; JPO; DERWENT	OR	OFF	2009/02/02 14:41
S62	2	((three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and S61	EPO; JPO; DERWENT	OR	OFF	2009/02/02 14:42
S63	63	(position\$1 or state\$3 or step\$1 or phase\$1 or stage \$1) and S61	EPO; JPO; DERWENT	OR	OFF	2009/02/02 14:43
S64	24	((three near3 (position\$1 or state\$3 or step\$1 or phase\$1 or stage\$1)) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 15:33
S65	73	(sliding near2 guide\$1) and S2	US-PGPUB; USPAT	OR	OFF	2009/02/02 15:46
S66	1	("6950316").PN.	US-PGPUB; USPAT	OR	OFF	2009/02/02 15:57

2/5/2009 5:45:02 PM

C:\ Documents and Settings\ygu\My Documents\EAST\Workspaces\10561226\_1\_29\_09.wsp